

OUTPUT DEVICE

Patent Number: JP60238807
Publication date: 1985-11-27
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Requested Patent: ☒ JP60238807
Application Number: JP19840094821 19840511
Priority Number(s):
IPC Classification: G02B26/10; B41J3/00; H04N1/04
EC Classification:
Equivalents:

Abstract

PURPOSE:To improve a resolution and an output speed of an output device used for a printer, etc., by scanning a beam from plural light sources arranged in one line, through a scanner so that it becomes one continuous line on the output surface.

CONSTITUTION:Beams 3-1-3-6 are radiated through a lens 2 provided in front of each from plural light sources 1-1-1-6, reflected by plural reflecting surfaces 5 of a rotary polyhedral mirror 4, and made to form an image on an output surface 7 through a correcting lens 6. As for its output image, each beam 3-1-3-6 becomes a shape of one straight line like 8-1-8-6, as continuous short lines. One or plural rotary vibrating mirror can be used instead of the rotary polyhedral mirror 4.

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